

IN THE CLAIMS:

Please amend the claims as follows:

Claim 1 (Currently Amended): An X-ray source comprising:

an X-ray tube including a target generating an X-ray in response to an electron beam incident thereon emitted from an electron gun and an X-ray exit window emitting thus generated X-ray;

a power supply having a structure including an insulating block molding therein a voltage generating part supplying a voltage to the X-ray tube;

a first planar member securing the X-ray tube and ~~while being~~ arranged on ~~one~~ a first side of the insulating block; and

a second planar member disposed on a second side of the insulating block which is substantially parallel with the first side of the insulating block, the second planar member being separately disposed from the first planar member ~~opposite from the first planar member~~;

~~wherein the first and second planar members are fastened to each other while holding the insulating block therebetween~~

the first and second planar members holding the insulating block in place by sandwiching the insulating block there between at its first and second sides without providing any fastening member in the insulating block.

Claim 2 (Currently Amended): An X-ray source according to claim 1, wherein the insulating block has a surface covered with conductive material ~~coated with conductive paint~~.

Claim 3 (New): An X-ray source comprising:

an X-ray tube including a target generating an X-ray in response to an electron beam incident thereon emitted from an electron gun and an X-ray exit window emitting thus generated X-ray;

a power supply having a structure including an insulating block molding therein a voltage generating part supplying a voltage to the X-ray tube;

a first planar member securing the X-ray tube and arranged on a first side of the insulating block; and

a second planar member disposed on a second side of the insulating block which is substantially parallel with the first side of the insulating block, the second planar member being separately disposed from the first planar member;

the first and second planar members holding the insulating block in place by sandwiching the insulating block there between at its first and second sides, the first and second planar members being fastened to each other via one or more spacer members provided separately from the insulating block.

Claim 4 (New): An X-ray source according to claim 3, wherein the insulating block has a surface covered with conductive material.

Claim 5 (New): An X-ray source according to claim 3, wherein a plurality of the spacer members are arranged around the insulating block and the spacer members are fastened to the first and second planar members with fastening members.

Claim 6 (New): An X-ray source according to claim 3, wherein the first and second planar members are fixed to the one or more spacer members by engagement of one or more screw and screw hole combinations, the screw and the screw hole combination extending in a direction crossing main surface planes of the first and second planar members so that the insulating block is sandwiched and rigidly held by both of the first and second planar members in combination.

Claim 7 (New): An X-ray source according to claim 3, wherein the insulating block has first and second planes which are substantially parallel with each other, the first planar member contacts the first plane of the insulating block, the second planar member contacts the second plane of the insulating block, a length of the spacer member is shorter than the distance between the first and second planes of the insulating block.

Claim 8 (New): An X-ray source according to claim 3, wherein a plurality of the spacer members are arranged between the first and second planar members, the spacer members being spaced with a predetermined distance therebetween among them.